

U.S. Patent and Trademark Office 01919 U.S. PTO
 P.O. Box 1450
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021704

Sir:

Transmitted herewith for filing is the patent application of

Inventors: Michael J. Berman, Steven E. Reder
 and Bruce Whitefield

For: METHOD AND CONTROL SYSTEM FOR
 IMPROVING CMP PROCESS BY DETECTING
 AND REACTING TO HARMONIC OSCILLATION

Enclosed are:

- Eleven (11) sheets of drawings.
- An *executed* Declaration and Power of Attorney.
- An Application Data Sheet.
- An *executed* Assignment.

The filing fee has been calculated as shown below:

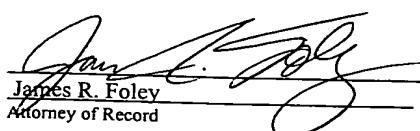
(Col. 1)		(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	22 - 20 =	* 2
INDEP. CLAIMS	4 - 3 =	* 1
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
FOR	RATE	FOR	RATE
	\$385.00		
	x 9 =	\$0.00	
	x 43 =	\$0.00	
	+ 135 =	\$0.00	
	TOTAL	\$0.00	
			OR
			RATE
			\$770.00
			OR
			x 18 =
			\$36.00
			OR
			x 86 =
			\$86.00
			OR
			+ 270 =
			\$0.00
			OR
			TOTAL
			\$892.00

- Please charge my Deposit Account No. 12-2252 in the amount of \$ 892.00. A duplicate copy of this sheet is enclosed.
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 - The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
 - Any filing fees required under 37 CFR 1.16 for the presentation of extra claims.

Dated: February 17, 2004


 James R. Foley
 Attorney of Record

Reg. No. 39,979

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